

Applicant: Houston *et al.*
For: SMART CULTURE VESSEL

ABSTRACT OF DISCLOSURE

A smart culture vessel for holding a sample to be tested in a culture medium

includes a bio-sensor, in the vessel in the culture medium with a sample, having a coating

for attracting at least one pathogen expected in the sample and a detection device

5 responsive to the bio-sensor for indicating the presence of the pathogen on the bio-sensor.